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# ENUMERANTUR PLANTAE DAKOTAE SEPTENTRIONALIS VASCULARES.—V.

ENUMERAVIT J. LUNELL.

## The Vascular Plants of North Dakota.—V.

With Notes by J. Lunell.

- Family 43. **ALSINEAE** Bartling, Ord. Nat. p. 304. (1830).  
*ALSINE* Dioscorides IV: 75. Plinius XXV: 11. Tour. Éls. p. 208. (1694). Linn. Syst. (1735.) and Gen. (1737).  
*Stellaria* Linn. Gen. (1737) and (1754).  
 421. **Alsine media** Fuchs. Hist. Stirp. p. 106. (1546).  
 Turtle Mountains: St. John.  
 422. **Alsine longifolia** (Muhl.). Britton in Mem. Torr. Bot. Club 5: 150. (1894).  
*Stellaria longifolia* Muhl., Willd. Enum. Hort. Berol. 479. (1809).  
 Peninsula of Lake Ibsen, Butte, Towner, Pleasant Lake, Turtle Mountains.  
 423. **Alsine longipes** (Goldie) Coville, Contr. Nat. Herb. 4: 70 (1893).  
*Stellaria longipes* Goldie, Edinb. Phil. Jour. 6: 327. (1822).  
 Leeds, Butte, Thorne.  
 424. **Alsine crassifolia** (Ehrh.) Britton. Mem. Torr. Bot. Club 5: 150. (1894).  
*Stellaria crassifolia* Ehrh. Hannov. Mag. 8: 116. (1784).  
 Spring in ravine, Butte.  
 425. **Alsine borealis** (Bigel.) Britton, Mem. Torr. Bot. Club 5: 150. (1894).  
*Stellaria borealis* Bigel. Fl. Bost. Ed. 2: 182. (1824).  
 Pleasant Lake.  
*CERASTIUM* Dillenius, Cat. Pl. Giss. p. 41, etc. (1718).  
 426. **Cerastium oreophilum** Greene, Pittonia 4: 297. (1901).  
 Leeds, Butte, Minot.  
 427. **Cerastium brachypodum** (Engelm.) Robinson in Britton, Mem. Torr. Club V: 150. (1894).  
*Cerastium nutans brachypodum* Engelm. in A. Gray, Man. Ed. V: 94. (1867).  
 Dickinson (Cl. Waldron).

428. **Cerastium longipedunculatum** Muhl. Cat. Pl. 46. (1813).  
*Cerastium nutans* Raf. Préc. Somiolog. 36. (1814).  
 Turtle Mountains: St. John.  
*MOEHRINGIA* Linn. Gen. 162. (1742), 170. (1754).  
 429. **Moehringia lateriflora** (Linn.) Fenzl. Verbr. Alsin.  
 table, p. 18. (1833).  
*Arenaria lateriflora* Linn. Sp. Pl. 423. (1753).  
 Willow City, Peninsula of Lake Ibsen, Towner, Minot,  
 Devil's Lake, Turtle Mountains.  
*SPERGULA* Linn. Sp. Pl. 440. (1753).  
 430. **Spergula arvensis** Linn. l. c.  
 Leeds.  
 Family 44. **CARYOPHYLLEAE** B. Juss. Hort. Trianon  
 (1759), Jussieu, Gen., LXVII, and 299. (1789).  
*GITHAGO* Tragus, Hist. 1552; Adans. II: 255. (1763).  
 431. **Githago segetum** Link, Diss. Bot. Suerin., 62. (1795).  
*Agrostemma Githago* Linn. Sp. Pl. 435. (1753).  
*Lychnis segetum* C. Bauhin, Pinax, p. 204. (1623).  
 Leeds, Butte.  
 432. **Githago segetum** var. **nanum** (Hn) Lunell.  
*Agrostemma Githago* var. *nanum* Hartman in Neuman, Sveriges  
 Flora 527. (1901).  
 Butte, among the type.  
*SILENE* Lobelius, Obs. p. 242. (1576). Linn. Syst. (1735), etc.  
 433. **Silene antirrhina** Linn. Sp. Pl. 419. (1753).  
 Willow City (Bottineau County).  
 434. **Silene antirrhina depauperata** Rydb.  
 Towner.  
 435. **Silene noctiflora** Linn. Sp. Pl. 419. (1753).  
 Leeds, Butte.  
*VAHLBERGELLA* Fries. Bot. Notiser. 143. (1843).  
*Vahlbergella* Blytt, Norges Flora, III, 1070 (1876).  
 436. **Vahlbergella Drummondii** (Hook.) Rydb. Bull. Torr  
 Bot. Club. 39: 318 (1912).  
*Silene Drummondii* Hook. Fl. Bor. Am. I: 89. (1830).  
*Lychnis Drummondii* S. Wats. in King. Geol. Exp. 5: 37. (1872).  
 Leeds, Butte, Dunsieith, Towner.  
*GYPHOPHILA* Linn. Sp. Pl. 406. (1753).  
 437. **Gypsophila elegans** Beib.  
 An occasional escape, Leeds.

*VACCARIA* Dodonaeus, Pempt. I: 4, 20. (1583).

438. ***Vaccaria vulgaris*** Host. Fl. Anst. 1: 518. (1827.)

*Saponaria Vaccaria* Linn. Sp. Pl. 409. (1753).

Leeds, Butte.

***DIOSANTHOS*** Theophrastus, Hist. VI: 1, 6. Bubani, Fl. Pyr. III: 89. (1901).

439. ***Diosanthos barbatum*** St. Lager. Ann. Soc. Bot. Lyon. VII: 87 (1880), Bubani l. c. p. 93.

*Dianthus barbatus* Linn. Sp. Pl. 409. (1753).

Occasionally escaped, Leeds.

## Order 22. RANALES.

Engler in Eng. & Prantl. Pflanzfm. Nachtr. p. 347 (1897).

Family 44. **CERATOPHYLLEAE** D. C. Prodr. III. p. 73. (1828).

***DICHOTOPHYLLUM*** Dillenius, Nov. Gen. p. 91. (1719).

440. ***Dichotophyllum demersum*** (Linn.) Moench, Meth. p. 345. (1794).

*Ceratophyllum demersum* Linn. Sp. Pl. 992. (1753).

Leeds (extinct).

Family 45. **NYMPHAEAE** Salisbury, Koenig and Sims, Ann. Bot. 1: 70. (1806).

***NYMPHONA*** Marcellus Virgilius, Comm. Diosc. p. 440. (1529).

441. ***Nymphona advena*** (Soland.) Nwd. Am. Midl. Nat. Vol. III. p. 295. (1914).

*Nymphaea advena* Soland. Ait. Hort. Kew. II: 226. (1789).

*Nuphar advenum* R. Br. Ait. Hort. Kew. ed 2, III: 295. (1811). Jamestown (Bergman).

Family 46. **RANUNCULACEAE** L. Gerard, Fl. Gallopr p. 378. (1761).

***RANUNCULUS*** Plinius XXV: 13. Tour. Els. p. 240. (1694).

442. ***Ranunculus eremogenes*** Greene, Erythaea 4: 121. (1896).

*Ranunculus sceleratus eremogenes*, Cockerell, Univ. Mo. Stud. Sci. II 2: 124. (1911).

Leeds, Oberon, Dunseith.

443. ***Ranunculus eremogenes longissimus*** Lunell in Am Midl. Nat. Vol. I. p. 206. (1910).

In coulée, Leeds. Became extinct, when the coulée dried up permanently.

444. **Ranunculus eremogenes pubescens** Lunell in Bull. Leeds Herb. no. 2, p. 6. (1908).

Leeds, Oberon.

445. **Ranunculus limosus** Nutt., T. & G. Fl. N. Am. I. p. 20. (1838).

*Ranunculus Purshii* Richards. var. *geranioides* Lunell in Bull. Leeds Herb. no. 2, p. 6. (1908).

Besides the type, the specimen in my herbarium is the only representative of Nuttall's plant known to be in existence.

Leeds (extinct).

446. **Ranunculus eremogenes X limosus.**

*Ranunculus Purshii* Richards. var. *dissectus* Lunell in Bull. Leeds Herb. no. 2, p. 6. (1908).

Leeds (extinct).

447. **Ranunculus Purshii** Richards. var. **polymorphus** Lunell in Bull. Leeds Herb. 1. c.

Peninsula of Lake Ibsen (extinct).

448. **Ranunculus Purshii** Richards. var. **schizanthus** Lunell in Bull. Leeds Herb. 1. c.

Leeds (extinct).

449. **Ranunculus Purshii** Richards. var. **humifusus** Lunell, nomen novum.

*Ranunculus Purshii* Richards. var. *radicans* Lunell in Bull. Leeds Herb. 1. c.

*Ranunculus radicans* Regel, Bull. Soc. Nat. Mosc. XXXIV pt. 2, 44, 45, not of C. A. Meyer & Ledeb.

Leeds (extinct), Peninsula of Lake Ibsen (extinct).

450. **Ranunculus delphinifolius** Torr.: Eaton, Man. ed. 2. 395. (1818).

*Ranunculus multifidus* Pursh, Fl. Am. Sept. 736. (1814), not Forsk. (1775).

Fargo (Bergman).

451. **Ranunculus abortivus** Linn. Sp. Pl. 551. (1753).

Leeds, Towner, Devils Lake.

452. **Ranunculus abortivus eucyclus** Fernald.

Devils Lake.

453. **Ranunculus pennsylvanicus** Linn. fil. Suppl. p. 272. (1781).

Leeds, Peninsula of Lake Ibsen, Turtle Mountains; Kulm (Breckle).

454. **Ranunculus Macounii** Britton, Trans. N. Y. Acad. 12: 3. (1892).

*Ranunculus hispidus* Hook. Fl. Bor. Am. I: 19. (1829), *not* Michx. (1803).

Leeds, Minnewaukan.

455. **Ranunculus Macounii X pennsylvanicus.**

Devils Lake.

456. **Ranunculus acer** Linn. Sp. Pl. 554. (1753), *cor.* Host.

*Ranunculus acris* Linn. 1. c.

Max in McLean County (O. A. Stevens).

457. **Ranunculus ovalis** Raf. Proc. Dec. 36. (1814).

*Ranunculus rhomboideus* Goldie, Edinb. Phil. Journ. 6. 329. (1822).

Leeds, Butte, Dunsieith, Towner.

458. **Ranunculus Waldronii** Lunell in Am. Midl. Nat. Vol. III, p. 12 and 13. (1913).

Dickinson (Cl. Waldron).

*BATRACHIUM* S. F. Gray, Nat. Arr. Br. Pl. II: 720. (1821).

459. **Batrachium circinatum** (Sibth.) Rchb., Spach. Hist. Veg. VII, p. 201. (1839).

*Ranunculus circinatus* Sibth.; J. E. Smith, Fl. Brit. 2: 596. (1800).

Leeds, Devils Lake; Valley City (O. A. Stevens).

460. **Batrachium circinatum terrestre** Lunell.

A form growing on low land where water once was, but later dried up.

Leeds.

*HALERPESTES* Greene, Pitt. IV, 207 (1900)

- 461: **Halerpestes Cymbalaria** (Pursh) Greene, in Pittonia 4: 208. (1900).

*Ranunculus Cymbalaria* Pursh. Fl. Amer. Sept. 392. (1814).

*Oxygraphis Cymbalaria* Prantl. in Engl. & Prantl, Pflanzenfamilien, 32: 63. (1891).

Leeds, Devils Lake.

*AIOLON* Lunell, nom. nov. (gr. *Αἰολος*, Aeolus, the God of the winds).

*Nemorosa* Rupprecht, Fl. Jenensis, p. 128. (1726). (1718). This word means woody, sylvan, and is a plain adjective, not substantive. Furthermore, the name is misleading as far as our State is concerned, our species belonging to the prairie. These

have been considered good reasons for the change of genus name.

462. **Aiolon canadense** (Linn.) Nwd. & Lll.

*Nemorosa canadensis* (Linn.) Nwd. in Am. Midl. Nat. Vol. III, p. 322. (1914).

*Anemone canadensis* Linn. Syst. Ec 12. III. App. p. 231. (1768). *Anemone pennsylvanica* Linn. Mant. II. 247. (1771).

Leeds, Pleasant Lake, Towner; Kulm (Brenckle).

463. **Aiolon canadense flavum** Lunell, forma nova.

Petalis parvis, flavis. Planta rara.

A sporadic form with small, yellow petals.

Church's Ferry.

*ANEMONE* Theophrastus; Tour. Els. 238. (1694).

464. **Anemone Hudsoniana** Richardson. Franklin's 1st Journey ed. II, App. 22.

Butte (very rare).

465. **Anemone virginiana** Linn. Sp. Pl. 540. (1753).

Devils Lake, Duns<sup>Pursh</sup>ett, St. John.

466. **Anemone cylindrica** A. Gray. Ann. Lyc. 3: 221. (1836).

Leeds, Butte, York, Pleasant Lake.

*PULSATILLA* Adanson, Fam. Pl. 2: 460. (1763).

467. **Pulsatilla hirsutissima** (Pursh) Britton, Ann. N. Y. Acad. 6: 217. (1891).

*Clematis hirsutissima* Pursh. Fl. Am. Sept. 385. (1814).

*Pulsatilla Ludoviciana* (Nutt). Heller (?).

*Anemone Nuttalliana* DC. Reg. Veg. Syst. I: 193. (1818).

The flowers are of two kinds: 1. Those appearing before the leaves in the earliest spring, with *bright* sepals of many different shades. Common. 2. Those appearing with or after the leaves during the whole summer, but only sporadically, with sepals of a *pale* or faded, white or whitish color. Leeds, Butte.

*CLEMATIS* Dioscorides IV: 182. Plinius XXII: 10.

468. **Clematis virginiana** Linn., Amoen. Acad. 4: 275. (1759). Fargo (Bergman & Stevens).

*MYOSORUS* Linn. Sp. Pl. 284. (1753).

469. **Myosurus minimus** Linn. l. c.

Dickinson (Cl. Waldron).

Family 44. **THALICTRACEAE** Greene, Leaflets II: 49. (1910).

*LEUCOCOMA* (Greene) Nwd. in Am. Midl. Nat. III. p. 253. (1914).

470. **Leucocoma albens** (Greene). Lunell.  
*Thalictrum albens* Greene, in Am. Midl. Nat. Vol. II, p. 292.  
 (1912).  
 Valhalla (L. R. Waldron).
471. **Leucocoma Lunellii** (Greene) Lunell.  
*Thalictrum Lunellii* Greene in Am. Midl. Nat. Vol. I, p. 102.  
 (1909).  
 Minot, Towner.
472. **Leucocoma thyrsoides** (Greene) Lunell.  
*Thalictrum thyrsoides* Greene in Am. Midl. Nat. Vol. I,  
 p. 102. (1909).  
 Leeds, Butte, Dunsieith.
473. **Leucocoma thyrsoides silvana** Lunell.  
*Thalictrum thyrsoides silvanum* Lunell, in Am. Midl. Nat.  
 Vol. II, p. 157. (1911).  
 Peninsula of Lake Ibsen, Devils Lake, Pleasant Lake, Towner,  
 Turtle Mountains.
474. **Leucocoma vegeta** (Greene) Lunell.  
*Thalictrum vegetum* Greene in Am. Midl. Nat. Vol. I, p. 103.  
 (1909).  
 Devils Lake, Peninsula of Lake Ibsen, Turtle Mountains,  
 Towner, Minot, Pleasant Lake.
- Family 45. **HELLEBORACEAE** Loiseleur-Delongchamps,  
 Man. Pl. Us. (1819).  
*AQUILEGIA* Fuchs. Hist. Stirp. p. 39. (1546).
475. **Aquilegia canadensis** (Cornuti) Linn. Sp. Pl. 534. (1753.)  
 Turtle Mountains.  
*POPULAGO* Tabernaemontanus, Neeuw. Kreuterb. p. 118.  
 (1590). Tour. Els. p. 238. (1694). Moench. Meth. p. 250. (1794).  
*Caltha* Linn., not of the older botanists, which is = *Calendula*.
476. **Populago palustris** (Linn.) Moench. l. c.  
*Caltha palustris* Linn. Sp. Pl. 588. (1753).  
 Sheyenne, Pleasant Lake, Granville.  
*PLECTRORNIS*, Raf., Med. Fl. II, 216 (1830).  
 (An nomen nudum?)  
*Delphinium* Spach, Hist. Nat. Veg. VII, p. 336 (1839)  
 not desirable as built on another plant name.
477. **Plectronis albescens** (Rydb.) Lunell.  
*Delphinium albescens* Rydb. Bull. Torr. Cl. 583 (1899).



Walupaton (W. B. Bell) Fargo (Cl. Waldron).

478. **Plectornis bicolor montanense** (Rydb.) Lunell.

*Delphinium bicolor montanense* Rydb. Fl. Mont. p. 157 (1900).

Medora (Cl. Waldron).

*Delphinium* (Discorides) Linn. Sp. Pl. 536 (1753). *Sensu stricto* with type, *D. peregrinum* Linn. l. c. is found in European Mediterranean region. *Consolida* Brunfels, Herb. Viv. Ic. 84c (1532) has no species known in this State except perhaps *C. Ajacis* (Linn). Nwd. and only under cultivation.

**CHRISTOPHORIANA** Gesner. Hort. Ger. p. 253. (1561).

*Actaea* Linn. Syst. (1737), but not *Actaea* Plinius XXVII: 7, 26, which is *Sambucus Ebulus* Linn.

479. **Christophoriana arguta** (Nutt.) Lunell.

*Actaea arguta* Nutt.; T & G. Fl. I: 35. (1838).

Devil's Lake, Pleasant Lake, Dunsieith, St. John.

480. **Christophoriana arguta alabastrina** Lunell.

*Actaea arguta alabastrina* Lunell, in Am. Midl. Nat. Vol. II. p. 123. (1911).

Among the species in all the localities just mentioned.

Family 46. **PODOPHYLLEAE** D. C. Syst. II. p. 31. 32. (1821).

**CAULOPHYLLUM** L. C. Richard in Michx, Fl. Bor. Am. I: 204. (1803).

481. **Caulophyllum thalictroides** (Linn.) L. C. Rich. l. c.

*Leontice thalictroides* Linn. Sp. Pl. 312. (1753).

Cass County: Fargo.

Family 47. **BERBERIDEAE** Vent., Tab. III. p. 83. (1799).

**BERBERIS** Cuba, Hort. Sanit. (15th Cent.), also Jacob de Manliis in Brunfels, Herb. Viv. Ic. p. 174. (1531).

482. **Berberis vulgaris** Bellonius, Cult. (1553), also Clusius; Linn. Sp. Pl. 330. (1753).

Originally cultivated. Leeds.

Family 48. **MENISPERMACEAE** DC., Prod. I. p. 85. (1824).

**MENISPERMUM** Tour., Acad. Reg. 237. (1705), also Dill., Gen. p. 150. (1719). Linn. Syst. (1735). Gen. (1757 and 1754).

483. **Menispermum canadense** Linn. Sp. Pl. 34. (1753).

Seemingly always sterile. Pleasant Lake, Towner.

## Order 23. RHOEDALES.

*Bartling, Ord. Nat. Pl. p. 254. (1831).*

Family 49. **PAPAVERACEAE** B. Jussieu, Hort. Trian., A. Jussieu, Gen. (1789).

*Papaver* Virgilius Georg. I. 212, IV. 131, 545. Aen. I: 78.

484. **Papaver cereale** Virgilius l. c., Columella X, 314.

*Papaver rhoeas* Lobelius, Gerard, Dodonaeus (1557).

An escape from gardens, Leeds.

485. **Papaver somniferum** Virgilius, Aen. IV: 131.

**PAPAVER SOMNIFERUM** Linn. Sp. Pl. 508. (1753).

Subspontaneous. Leeds.

**BELHARNOSIA** Sarracen ex Adanson Fam. p. 43. (1763).

*Sanguinaria* Dillenius (1732), Linn., not Plinius nor Tragus = *Panicum sanguinale* Linn.

486. **Belharnosia mesochora** (Greene) Lunell.

*Sanguinaria mesochora* Greene, in Pittonia Vol. V, p. 308. (1905).

St. John (perhaps distinct); Fargo (Bergman).

Family 50. **FUMARIACEAE** D. C. Syst. II, p. 105. (1821).

Subfamily *Fumarieae*.

**CAPNORCHIS** Boerhave, Index. Alter. Planter I: 309. (1727).

*Bicuculla* Adanson, Fam. Pl. II: App. 23. (1763).

487. **Capnorchis formosa** (D. C.) Lunell.

*Bicuculla formosa* (DC.) Howell.

Subspontaneous. Leeds.

Subfamily *Corydalieae*.

**CORYDALIS** Castor Durante (1585) Vent. Choix. 19. (1803), also Medicus, Phil. Bot. 96. (1789).

*Capnoides* Tour. Els. p. 335. (1695), I. R. H. p. 423. (1700), Adanson, Fam. Pl. p. 431. (1763).

488. **Corydalis aurea** Willd. Enum. Pl. 740. (1809).

*Capnoides aureum* (Willd.) Kuntze. Rev. Gen. Pl. I: 14. (1891).

Peninsula of Lake Ibsen, Turtle Mountains.

Family 51. **SILIQUSAE** Linn. Phil. Bot. 34. (1751). Also Ray, Meth. Pl. 119. (1681).

*Cruciferae* B. Jussieu, Hort. Trianon (1759).

**TOMOSTIMA** Raf., Neogenyton 2. (1825).

*Drabella* Bubani, Fl. Pyr. III. 197. (1901) in part.

*Draba* Linn. in part, not Dioscorides = *Lepidium Draba* Linn.

489. **Tomostima micranthum** (Nutt.) Lunell.  
*Draba micrantha* Nutt.; T. & G. Fl. N. A. I: 109. (1838).  
*Draba caroliniana micrantha* (Nutt.) A. Gray, Man. Ed. 5.  
 72. (1867).  
 Minot; Medora (Cl. Waldron).  
 490. **Tomostima luteum** (Gilb.) Lunell.  
*Draba lutea* Gilib., acc. to DC. Syst. II: 35.  
*Draba nemorosa* Linn., var. *leiocarpa* Lindbl.  
 Leeds, Peninsula of Lake Ibsen.  
 491. **Tomostima nemorosum** (Linn.) Lunell.  
*Draba nemorosa* Linn. Sp. Pl. 643. (1753).  
 Towner.  
*THLASPI* Dioscorides 2, 147 (Ruellius' ed.) 189. (1547).  
 Linn. Syst. (1735). Gen. 193 (1737), 242 (1754). Ray I: 838.  
 Gesner. Hort. 284. (1561).  
 492. **Thlaspi fatuum** Gesner, Hort, Germ. (1561): also Ray l.c.  
*Thlaspi Bursa pastoris* Linn. Sp. Pl. 647. (1753).  
*Bursa pastoris* Weber, Wigg. Prim. Fl. Holsat. 47. (1780).  
*Capsella pastoralis* Dulac. Fl. Pyr. 189. (1867).  
*Capsella Bursa-pastoris* Medic. Pflanzengatt. I: 85. (1792).  
 Leeds, and everywhere else.  
*TERUNCIVS* Lunell, nomen novum (lat. **teruncius**, a small coin, the shape of the fruit suggesting the likeness. Cfr. also the English name Penny Cress).  
*Thlaspi* Dill., not Diosc. *Thlaspidium* Tragus, Hist. Stirp. 85. (1552), Spach (1838), Adanson (1762) = *Biscutella*, *Thlaspidea* Opiz (1852), all unacceptable names, as built on *Thlaspi*. *Pachyphragma* (= *Thlaspi latifolium* Linn.), used by DC. in Prodr. I. 175 as a section, from which Reichenbach in Nom. 179. (1841) probably got it. *Nomisma* DC., antedated by *Nomisma* Wright & Arn (= *Rhynchosia*).  
 493. **Teruncius arvensis** (Linn.) Lunell,  
*Thlaspi arvense* Linn. Sp. Pl. 646. (1753).  
 Leeds, and everywhere.  
*RORIPA* Scopoli, Fl. Carn. 520. (1760).  
*Radicula* Dillenius, Cat. Pl. Giss. 80. (1718), in part. Hill, Br. Herbal. 265 (1756), not Dodonaeus Pempt. 666 (1583) = *Raphanus*.—*Nasturtium* R. Br. in Ait. Hort. Kew. Ed. 2, 4: 109. (1812), in part.  
 494. **Roripa palustris** (Linn.) Besser, Enum. 27. (1821).

- Sisymbrium amphibium* var. *palustre* Linn. Sp. Pl. 657. (1753).  
*Nasturtium terrestre* R. Br. in Ait. Hotr. Kew. Ed. 2. 4: 112. (1812).  
*Nasturtium palustre* DC. Syst. 2: 191. (1821).  
*Radicula terrestris* (R. Br.) Woot. & Standley, Contr. U. S. Nat. Herb. Vol. 19. 284. (1915).  
 Leeds; Kulm (Brenckle).  
 495. **Roripa hispida** (Desv.) Britton in Mem. Torr. Bot. Club 5: 169. (1894).  
*Brachylobus hispidus* Desv. Journ. de Bot. 3: 183. (1814).  
*Nasturtium hispidum* DC. Reg. Veg. Syst. 2: 201. (1821).  
*Radicula hispida* (Desv.) Britt. Torreyia VI: 32. (1908).  
 Leeds, Peninsula of Lake Ibsen, Oberon.  
 496. **Roripa hispida** var. **glabrata** Lunell in Bull. Leeds Herb. no. 2, p. 6. (1908).  
*Roripa terrestris* var. *globosa* Aven Nelson in Bot. Gaz. 52: p. 264. (1911).  
 Leeds.  
 497. **Roripa sinuata** (Nutt.) Hitchc. Spr., Fl. Manhattan 18. (1894).  
*Nasturtium sinuatum* Nutt.; T. & G. Fl. N. Am. I: 73. (1838).  
*Radicula sinuata* (Nutt.) Greene, Leaflets I: 113. (1905).  
 Dickinson (Bergman).  
**Armoracia** Plinius XIX: 5. Columella, Heucher, Rivinus, Ruppius, Gaertner. *Cochlearia* Tour. Els. 183. (1684).  
 498. **Armoracia Rivini** Ruppius Fl. Jen. 67. (1726).  
*Roripa Armoracia* (Linn.) A. S. Hitchc. l. c. (1894).  
 Thoroughly established. Leeds.  
*LESQUERELLA* S. Wats. Proc. Am. Acad. 23: 249. (1888).  
 499. **Lesquerella argentea** (Pursh) Mac M. Met. Minn. 263. (1892).  
*Myagrurn argenteum* Pursh Fl. Am. Sept. 434. (1814).  
*Vesicaria argentea* DC. Syst. 2: 297. (1821).  
*Lesquerella Ludoviciana* S. Wats. l. c. 252. (1888).  
 Dickinson (Bergman).  
 500. **Lesquerella alpina** (Nutt.) Wats. l. c. 251. (1888).  
*Lesquerella spathulata* Rydb., Contr. U. S. Nat. Herb. 486. (1896).  
 Beach (Bergman).  
 501. **Lesquerella Lunellii** A. Nels. Bot. Gaz. 42: 49. (1906).

Leeds, Butte.

502. *Lesquerella Lunellii lutea* A. Nels. Bot. Gaz. 54: 149. (1912).

Pleasant lake, Dunsieith, Towner, Minot, Williston.

*PHYSARIA* A. Gray, Gen. Ill. x: 162. (1848).

503. *Physaria didymocarpa* (Hook.) A. Gray, l. c.

*Vesicaria didymocarpa* Hooker, Fl. Bor. Am. I: 49. pl. 16. (1830).

Medora (Bergman).

*BIAURICULA* Bubani, Fl. Pyr. III. 207. (1901).

*Iberis* Dillenius Gen. 6. (1719). Linn. Syst. (1735). also Gen. Pl. 192. (1737), 292. (1754. not Diosc.

The *Iberis* Dioscorides is an entirely different plant. Adanson (Fam. Pl. 2, p. 422. (1763) called the Linnaean Genus *Iberis* by the name *Arabis* Dod. Dodonaeus did not even give this name exclusively to plants of this genus. *Iberis* Democritus is *Lepidium Iberis* Linn. Sp. Pl. 645. (1753). In any case the *Iberis* (Dill.) Linn is inapplicable.

(To be continued.)

## THE STORY OF OUR BIRDS THROUGHOUT THE YEAR 1915.<sup>1</sup>

BY BROTHER ALPHONSUS, C. S. C.

It affords me great pleasure to have the honor to address the members of the Chicago Ornithological Society. The regularity with which this society holds its meetings, and the methodical way in which its members study bird life are evident tokens of the vitality of the association. It seems to me that such manifest enthusiasm for so delightful a pursuit as ornithology should awaken a similar interest in many others. Indeed it seems to me that the influence of those who are so fortunate as to be admitted to this society should create a wide-spread desire to share the advantages they possess. Why should the Chicago Ornithological Society not feel that it has a great mission to the people of this city—to be instrumental in promoting a knowledge of

<sup>1</sup> A paper read before the Chicago Ornithological Society on Tuesday Evening, January 4, 1916.